Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 20 Feb 2024 until 23:59 on Wednesday 21 Feb 2024

Forecast Issued on Tuesday 20 Feb 2024 at 02:16

Confidence: Generally high confidence in the weather pattern through the week, lowering on Saturday.

Headline for Tuesday 20 Feb 2024: A cloudy but dry start, rain passing southeast through the middle of the day, sunny or clear thereafter.

Mountain weather hazards on Tuesday 20 Feb 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Sunny	Clear night	Clear night
Precipitation probability					
30%	40%	70%	<05%	<05%	<05%

Forecast for Tuesday 20 Feb 2024

Weather: Rather cloudy at first Tuesday morning but mostly dry, chance of a little drizzle at times. Rain pushing southeast across the region late morning, turning heavy before clearing early afternoon. Largely sunny or clear skies behind with winds easing.

Chance of cloud-free hill tops above 800m: 20-30%, improving to 90% early to mid-afternoon.

Low cloud and visibility: Scattered or broken cloud base 500-700m during the morning, clearing early afternoon. Visibility poor in hill fog, moderate in rain, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Ground Conditions Supplement
Date: Monday 19 February Location: Helvellyn summit at 11:40 Temperature: plus 1.8 deg C Maximum wind speed

Forecast for Tuesday 20 Feb 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/42 SW	38/45 SW	44/55 SW	37/46 SW	27/33 W	13/17 SW	19/24 S
600	32/41 SW	34/44 SW	33/43 SW	29/39 W	23/33 W	11/15 SW	21/29 S
300	11/30 SW	13/33 SW	10/34 SW	12/31 W	8/26 W	4/14 SW	9/20 S
Valley	8/23 SW	12/29 SW	12/33 SW	12/29 W	6/21 W	4/10 W	5/16 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-3	4/-3	4/-4	4/-3	3/-4	2/-3	2/-4
600	5/-1	6/-1	5/-1	6/-0	4/-1	3/-0	3/-2
300	6/3	7/3	7/4	7/4	6/3	5/3	4/0
Valley	8/5	8/5	8/6	9/6	8/6	7/5	6/4
Freezing Level*	1500m	1500m	1800m	1500m	1100m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Feeling cold at height, be prepared with appropriate layers.

Forecast for Wednesday 21 Feb 2024
Weather: Heavy rain, and strong winds, approaching from the southwest early Wednesday, persisting through the morning. This clears east early afternoon to leave sunny spells and dry conditions behind.

Maximum wind: Southerly 25-30 mph gusting 40-50 mph, turning westerly behind the rain band and easing.

Chance of cloud-free hill tops above 800m: 20-30%, improving to 90% into the afternoon

Low cloud and visibility: Scattered or broken cloud base 500-700m, clearing early afternoon. Visibility poor in hill fog, moderate in rain, otherwise good.

Temperature: **Valleys:** Plus 6 rising to plus 10 Celsius
At 800m: Plus 1 rising to plus 5 Celsius
Freezing level: Above summits, falling 1000m for a time during the afternoon

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34.4mph Wind chill: minus 6.9 deg C Average wind speed: 27.4mph
Full report: The vast majority of the Lake District NP is now clear of snow and ice with just a few isolated & tiny patches to be found around gully exits above 900m on steep north through east aspects. This snow was soft and thawing today and shouldn't present any hazard to walkers. Popular paths including Striding and Swirral Edge's on Helvellyn can be climbed and descended without setting foot on snow. Despite the spring like conditions full winter clothing is still strongly recommended for anyone venturing onto the high fells. This should include full waterproof top & bottoms, plenty of warm layers, hats & gloves & appropriate footwear with plenty of grip plus a map, compass & headtorch.

Issued at: 02:16 on Tue 20 Feb 2024

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